

Application Serial No. 10/086,642
Response to Restriction Requirement dated April 28, 2004
Reply to final Office action of March 29, 2004

REMARKS

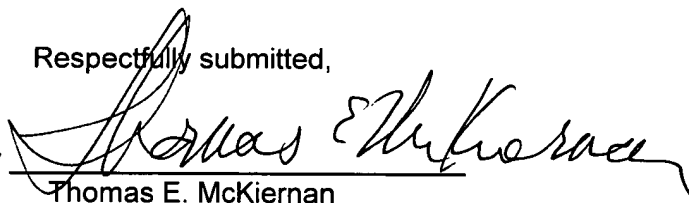
Claims 1 through 38 are pending in this application. Claims 2, 3, 17, 33, 36, 37 and 38 are amended herein. Support for the amendments to claims 2, 3, 17, 33, 36, 37 and 38 may be found in the claims as originally filed. In particular, claims 2 and 3 were amended to provide antecedent bases for the element "first input dimension", while claims 17, 33, 36, 37 and 38 were amended to depend from claim 1. All of claims 2 through 38 now depend, either directly or indirectly, from claim 1. Substantive examination is requested based on the foregoing amendment and the following remarks.

Election/Restriction Requirement:

In response to the election/restriction requirement, the Applicant elects Invention I, claims 1 through 16, for prosecution on the merits.

Respectfully submitted,

By



Thomas E. McKiernan

Reg. No. 37,889

Attorney for Applicants

ROTHWELL, FIGG, ERNST & MANBECK

Suite 800, 1425 K Street, N.W.

Washington, D.C. 20005

Telephone: (202)783-6040

2138-241-rrr